

Appl. No. 09/683,084
 Amdt. dated June 17, 2005
 Reply to Office action of March 30, 2005

Amendments to the Claims:

- Claim 1 (currently amended): A method for determining triggering of a polling request in a wireless communications protocol for a transmitter, the transmitter capable of transmitting protocol data units (PDUs), each PDU comprising an n-bit sequence number, the method comprising:
- 5 ~~providing a polling determination method that determines if polling should be performed; and~~
- 10 ~~causing polling to be triggered only if a PDU that is to be transmitted is not a re-transmitted PDU and the polling determination method indicates that polling is to be triggered.~~ JSam Jiang This is the major point of this patent. Can it be stated as an independent claim? I am thinking that "the equation with S" may not be accepted by 3GPP but the "not a re-transmitted PDU" concept will be accepted.
- 15 providing a polling value beyond which polling is to be triggered;
- obtaining a base sequence number VT(A), the base sequence number VT(A)
- marking a beginning sequence number of a transmitting window of the transmitter;
- 20 obtaining a first value that is $(2^n + 1)$ added to a difference of a parameter S and the base sequence number VT(A), wherein the parameter S is the n-bit sequence number of a PDU that is to be transmitted;
- obtaining a second value that is a modulus of the first value with 2^n ;
- obtaining a test value that is the second value divided by a size of the transmitting window; and
- 25 causing polling to be triggered if the test value is greater than the polling value and if the PDU that is to be transmitted is not a re-transmitted PDU.

Claim 2 (canceled)

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Claim 3 (currently amended): The method of claim [[2]] 1 wherein polling is to be triggered if the test value is equal to the polling value.

- 5 Claim 4 (currently amended): The method of claim [[2]] 1 wherein the polling value indicates a percentage of PDUs in the transmitting window that have been transmitted by the transmitter.